

WS FORM F-6											STATION MOUNT WASHINGTON OBSERVATORY								
PRELIMINARY LOCAL CLIMATOLOGICAL DATA											MONTH JUNE				YEAR 2018				
LATITUDE 44 DEGREES 16 MINUTES NORTH						LONGITUDE 71 DEGREES 18 MINUTES WEST					GROUND ELEVATION (H) 6280 FT			STANDARD TIME EASTERN					
TEMPERATURE (°F)						DEGREE DAYS			PRECIPITATION (IN.)			WIND (MPH)			SUNSHINE (MINUTES)		SKY COVER (TENTHS)	WEATHER OCCUR.	
DAY	MAX	MIN	AVG	NORM	DEPART	HEAT	COOL	TOTAL (EQUIV)	SNOW & ICE	SNOW/ICE ON GROUND-7AM	AVG SPEED	FASTEST MILE		TOTAL	% POSS				
1	58	53	56	41	15	9	0	0.45	0.0	0	23.8	51	270 (W)	0	0	10	12		
2	54	38	46	41	5	19	0	0.09	0.0	0	26.5	54	350 (N)	413	44	6	123		
3	53	35	44	42	2	21	0	0.00	0.0	0	10.5	37	170 (S)	853	92	3	1		
4	39	26	33	42	-9	32	0	0.61	T	T	27.3	50	160 (S)	23	2	10	1246		
5	35	30	33	42	-9	32	0	0.31	0.8	0	19.8	43	260 (W)	0	0	10	1246		
6	38	32	35	43	-8	30	0	0.17	0.0	0	26.8	48	290 (W)	15	2	10	12		
7	41	35	38	43	-5	27	0	0.02	0.0	0	31.3	52	270 (W)	0	0	10	12		
8	44	35	40	43	-3	25	0	0.09	0.0	0	36.5	63	280 (W)	428	46	6	12		
9	42	33	38	43	-5	27	0	0.00	0.0	0	44.0	77	290 (W)	538	57	8	12		
10	45	31	38	44	-6	27	0	0.00	0.0	0	23.7	53	310 (NW)	924	98	5			
11	48	31	40	44	-4	25	0	0.00	0.0	0	9.7	28	290 (W)	825	88	4			
12	52	37	45	44	1	20	0	0.00	0.0	0	51.3	78	290 (W)	925	98	6			
13	58	43	51	45	6	14	0	0.43	0.0	0	28.8	65	290 (W)	220	23	9	123		
14	49	37	43	45	-2	22	0	1.54	0.0	0	44.0	82	290 (W)	0	0	10	12		
15	46	35	41	45	-4	24	0	0.03	0.0	0	23.5	50	350 (N)	520	55	8	12		
16	52	41	47	45	2	18	0	0.00	0.0	0	33.1	50	280 (W)	728	77	6			
17	65	46	56	46	10	9	0	0.00	0.0	0	16.5	47	260 (W)	761	81	6			
18	60	50	55	46	9	10	0	1.74	0.0	0	52.0	88	270 (W)	0	0	10	123		
19	51	37	44	46	-2	21	0	0.02	0.0	0	46.1	94	320 (NW)	265	28	9	12		
20	50	44	47	46	1	18	0	0.00	0.0	0	30.4	60	300 (NW)	913	97	6	12		
21	47	37	42	47	-5	23	0	0.00	0.0	0	28.7	63	290 (W)	698	74	5	12		
22	55	37	46	47	-1	19	0	0.00	0.0	0	11.0	30	260 (W)	944	100	4			
23	51	41	46	47	-1	19	0	0.40	0.0	0	20.5	48	270 (W)	95	10	10	12		
24	51	44	48	47	1	17	0	0.10	0.0	0	21.8	46	280 (W)	0	0	10	12		
25	45	34	40	47	-7	25	0	0.09	0.0	0	30.5	60	340 (N)	259	27	9	12		
26	50	32	41	47	-6	24	0	0.00	0.0	0	28.3	48	290 (W)	943	100	4	12		
27	57	44	51	48	3	14	0	0.19	0.0	0	19.5	43	210 (SW)	388	41	10	12		
28	54	46	50	48	2	15	0	0.98	0.0	0	30.0	55	230 (SW)	0	0	10	12		
29	59	47	53	48	5	12	0	0.18	0.0	0	29.5	56	340 (N)	335	36	6	123		
30	62	51	57	48	9	8	0	0.02	0.0	0	31.0	55	270 (W)	270	29	9	12		
SUM	1511	1162	---	---	---	606	0	7.46	0.8	---	856.4	---	---	12283	---	229	---		
AVG	50.4	38.7	---	---	---	---	---	---	---	---	28.5	FASTEST 94	DIR 320 (NW)	POSS % 28193	44%	7.6	---		

TEMPERATURE DATA (°F)		PRECIPITATION DATA (IN.)		WEATHER		SYMBOLS USED IN COLUMN 16	
AVERAGE MONTHLY	44.6	TOTAL FOR THE MONTH	7.46	NUMBER OF DAYS:		1 = FOG	
DEPARTURE FROM NORMAL	-0.4	DEPARTURE FROM NORMAL	-0.94			2 = FOG REDUCING VISIBILITY	
HIGHEST	65 on 17th	24 HOUR MAX	1.92 on 13th14th	CLEAR (SCALE 0-3)	1	TO 1/4 MILE OR LESS	
LOWEST	26 on 4th			PARTLY CLOUDY (SCALE 4-7)	12	3 = THUNDER	
		SNOWFALL, ICE PELLETS (IN.)		CLOUDY (SCALE 8-10)	17	4 = ICE PELLETS	
NUMBER OF DAYS WITH:						5 = HAIL	
		TOTAL FOR THE MONTH	0.8	WITH .01" OR MORE PRECIP	19	6 = GLAZE OR RIME	
MAX. 32 OR BELOW	0	24 HOUR MAX	0.8 on 5th	WITH .10" OR MORE PRECIP	12	7 = BLOWING DUST OR SAND	
MAX. 90 OR ABOVE	0	MAX DEPTH ON GROUND	T on 4th*	WITH .50" OR MORE PRECIP	4	RED. VIS. TO 1/2 MILE OR LESS	
MIN. 32 OR BELOW	6			WITH 1.0" OR MORE PRECIP	2	8 = SMOKE OR HAZE	
MIN. 0 OR BELOW	0	PRESSURE DATA (IN.)				9 = BLOWING SNOW	
						X = TORNADO	
HEATING DEGREE DAYS (BASE 65°F)		HIGHEST SEA-LEVEL	30.280 on 30th				
		LOWEST SEA-LEVEL	29.713 on 5th				
TOTAL THIS MONTH	606	AVG STATION	23.831				
DEPARTURE FROM NORMAL	4						
SEASON TOTAL	13195						
DEPARTURE FROM NORMAL	-516						
COOLING DEGREE DAYS (BASE 65°F)							
TOTAL THIS MONTH	0						
DEPARTURE FROM NORMAL	0						
SEASON TOTAL	0						
DEPARTURE FROM NORMAL	0						

NOTES:

5TH: SNOWFALL PARTIALLY ESTIMATED DUE TO MELTING PRIOR TO TWO CAN COLLECTIONS

17TH: NEW DAILY RECORD HIGH OF 65°F; PREVIOUS RECORD OF 64°F ORIGINALLY SET IN 1957 AND EQUALED IN 2004 AND 2017

*** A TRACE WAS ALSO ON THE GROUND THE AFTERNOON OF THE 5TH**

AVG RELATIVE HUMIDITY FOR EACH SYNOPTIC HOUR					NOTE: PEAK GUST (COL. 11) ENTERED IN PLACE OF FASTEST MILE RECORDED FROM PITOT-STATIC TYPE ANEMOMETER. THERE WERE 293 HOURS OF PREVAILING WINDS FROM THE W, 41% OF THE TOTAL HOURS OF THE MONTH.
0600	1200	1800	0000	MONTH	
82	80	81	79	80	